

POLYOLEFIN CO-EXTRUSION PROCESSES AND PRODUCTS PRODUCED THEREFROM

ABSTRACT OF THE DISCLOSURE

5 The present invention provides a process for effectively extruding a polypropylene polymer onto a cellulosic substrate. In the process, a polypropylene polymer is co-extruded with a polyolefin polymer other than polypropylene so as to stabilize the molten polypropylene polymer layer. Co-extrusion also allows extruding the polypropylene polymer at elevated temperatures so that the polypropylene is oxidized.

10 Thus the polypropylene layer more readily bonds to a substrate without requiring a primer or ozone pretreatment step.

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